AMENDMENTS TO THE CLAIMS

1. (Currently amended) An online shopping settlement method comprising:

detecting, by a communication common carrier, an order slip forwarded from a user terminal to a Web server providing online shopping services, and detecting an order confirmation slip that confirms receipt of said order slip forwarded from said Web server to said user terminal; ~~and~~

said communication common carrier collecting the price of said online shopping services as communication charges, for transactions for which said order slip and said order confirmation slip are prepared, to collect charges that should be paid by said user terminal to said Web server[[.]];

establishing an account-subscriber table holding a list of the relationship between an account name allocated to said user terminal by an Internet service provider and a subscriber line number of said user terminal; and

accessing said account-subscriber table using the account name of said user terminal that is connected to the Internet service provider to retrieve the subscriber line number and then certifying said user terminal that is connected to said Internet service provider through checking conditions of said subscriber line.

2. (Currently amended) An online shopping settlement method that is a settlement method for an online shopping system comprising a user terminal, an Internet service provider connected to said user terminal via a network of a communication common carrier providing communication services to said user terminal and a Web server connected to said Internet service provider via the Internet providing online shopping services for said user terminal, which settlement method includes:

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(a) ~~a step for~~ detecting an order slip forwarded from said user terminal to said Web server and the corresponding order confirmation slip for confirming receipt of said order slip forwarded from said Web server to said user terminal;

(b) ~~a step for~~ recording said order slip and order confirmation slip thus detected; ~~and~~

(c) ~~a step~~ wherein said communication common carrier that provides a communication service to said user terminal and collects the price ~~therefor~~ as communication charges, acts as a substitute in respect of a transaction for which the requisite pair of order slip and order confirmation slip are prepared and which transaction is recorded, to collect charges that should be paid by said user terminal to said Web server[[.]] :

(d) establishing an account-subscriber table holding a list of the relationship between an account name allocated to said user terminal by said Internet service provider and a subscriber line number of said user terminal; and

(e) accessing said account-subscriber table using the account name of said user terminal that is connected to the Internet service provider to retrieve the subscriber line number and then certifying said user terminal is connected to said Internet service provider through checking conditions of said subscriber line.

3. (Previously Presented) An online shopping settlement method according to claim 2, which uses a port number for online shopping, set for said order slip and order confirmation slip, for sending and receiving said order slip and order confirmation slip between said user terminal and said Web server respectively and wherein, at said step (a) of the settlement method further includes:

a packet transferring from said Internet service provider to the Internet with an online shopping port number, is detected as being said order slip and a packet coming into said Internet service provider from the Internet with an online shopping port number is detected as being said order confirmation slip.

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4. (Currently amended) An online shopping settlement method according to claim 2, which relays said order slip and said order confirmation slip using a relay point established in advance for facilitating the sending and receiving of those slips between said user terminal and Web server and wherein, ~~at said~~ step (a) of the settlement method further includes:

said order slip and order confirmation slip are detected through said relay point.

5. (Previously Presented) An online shopping settlement method according to any of claims 3 or 4, which at said step (b) of the settlement method further includes:

using a Web server IP table holding a list of IP addresses of Web servers for which charges are collected and does not record an order slip among those order slips detected at said step (a) for which the IP address of the Web server that is the destination is not registered in said Web server IP table and does not record an order confirmation slip amongst those order confirmation slips detected at said step (a) for which the IP address of the Web server that is the sender is not registered in said Web server IP tab.

6. (Cancelled)

7. (Currently amended) An online shopping settlement method according to claim [[6]] 2, wherein when said user terminal is connected to said Internet service provider, the relationship between the IP address allocated to said user terminal from said Internet service provider and the subscriber line number is stored in an IP-subscriber table, which method at said step (b), does not record an order slip from among those order slips detected at said step (a) for which the subscriber line number corresponding to the source IP address is not registered in said IP-subscriber table, and does not record an order confirmation slip from among those order confirmation slips detected at said step (a) for which the subscriber line number corresponding to the IP address of the user terminal that is the destination is not registered in said IP-subscriber table.

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8. (Currently amended) An online shopping settlement method according to ~~any of claims 3 or 4 wherein is also included a step (d)~~ claim 2 further comprising

(f) ~~that establishes~~ establishing an account-caller table holding a list of the relationship between the account name allocated to said user terminal by said Internet service provider and the calling telephone number of said user terminal, and certifies said user terminal connected to said Internet service provider through checking whether or not the combination of the account name of said user terminal connected to said Internet service provider and the calling telephone number is registered in said account-caller table.

9. (Original) An online shopping settlement method according to claim 8 wherein while said user terminal is connected to said Internet service provider, the relationship between the IP address allocated to said user terminal from said Internet service provider and the calling telephone number is stored in an IP-caller table, which method at said step (b), does not record an order slip from among those order slips detected at said step (a) for which the calling telephone number corresponding to the source IP address is not registered in said IP-caller table, and does not record an order confirmation slip from among those order confirmation slips detected at said step (a) for which the calling telephone number corresponding to the IP address of the user terminal that is the destination is not registered in said IP-caller table.

10. (Original) An online shopping settlement method according to any of claims 5, 7 or 9 wherein if at said step (b) an order slip is not recorded said order slip is not delivered to said Web server and if an order confirmation slip is not recorded said order confirmation slip is not delivered to said user terminal.

11. (Original) An online shopping settlement method according to any of claims 5, 7 or 9 wherein regardless of whether at said step (b) an order slip is recorded or not recorded said order slip is delivered to said Web server and regardless of whether at said step (b) said order confirmation slip is recorded or not recorded said order confirmation slip is delivered to said user terminal.

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12. (Previously Presented) An online shopping settlement method according to any of claims 3 or 4, that at said step (c) calculates the online shopping charges that should be collected from said user based on said order slip and order confirmation slip recorded at said step (b) and requests payment together with communication charges when invoicing said user terminal for communication charges.

13. (Original) An online shopping settlement method according to any of claims 3 or 4, that at said step (c) calculates the online shopping charges that should be paid to said Web server based on said order slip and order confirmation slip recorded at said step (b) and pays those online shopping charges to said Web server.

14. (Currently amended) An online shopping settlement system ~~that provides a means~~ for use by a communication common carrier that provides a communication service to a user terminal ~~collecting charges in substitute, which means provides an~~ comprising:

order slip monitoring means for detecting an order slip forwarded from [[a]] said user terminal to ~~said~~ a Web server providing online shopping services and detecting ~~the~~ a corresponding order confirmation slip forwarded from said Web server to said user terminal for confirming receipt of said order slip[[,]] ~~provides~~ ;

~~an order slip recording means for recording an order slip and order confirmation slip detected by said order slip monitoring means, which~~

charge collecting means for collecting charges ~~in substitute is for use by a communication common carrier that provides a communication service to said user terminal and collects the~~ of said online shopping services as communication charges, ~~and~~ wherein said charge collecting ~~which~~ means ~~for collecting charges in substitute acts as a substitute,~~ collects said charges in respect of a transaction for which ~~the requisite pair of~~ an order slip and a corresponding order confirmation slip are ~~prepared and recorded in~~ detected by said order slip ~~recording~~ monitoring means, to collect charges that should be paid by said user terminal to said Web server[[.]] ;

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an account-subscriber table holding a list of the relationship between an account name allocated to said user terminal by an Internet service provider and a subscriber line number of said user terminal; and

a certification means for accessing said account-subscriber table using the account name of said user terminal that is connected to the Internet service provider to retrieve the subscriber line number and certifying said user terminal that is connected to said Internet service provider through checking conditions of said subscriber line.

15. (Currently amended) An online shopping settlement system that is a settlement system of an online shopping system comprising a user terminal, an Internet service provider connected to said user terminal via a network of a communication common carrier providing communication services to said user terminal and a Web server connected to said Internet service provider via said Internet which server provides online shopping services to said user terminal, which settlement system includes:

an order slip monitoring means for detecting an order slip forwarded from said user terminal to said Web server and detecting the corresponding order confirmation slip forwarded from said Web server to said user terminal for confirming receipt of said order slip; and

an order slip recording means for recording said order slip and order confirmation slip detected by said order slip monitoring means; [[and]]

a settlement means for collecting charges in substitute that is a means for use by said communication common carrier which means acts as a substitute in respect of a transaction for which said requisite pair of order slip and order confirmation slip are prepared and recorded in said order slip recording means, to collect charges that should be paid by said user terminal to said Web server[[.]] ;

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an account-subscriber table holding a list of the relationship between an account name allocated to said user terminal by said Internet service provider and a subscriber line number of said user terminal[[,]] ; and

a subscriber certification means that receives from said Internet service provider the account name of said user terminal that is connected to said Internet service provider, accesses said account-subscriber table and retrieves the appropriate subscriber line number and through checking the condition of that subscriber line, certifies said user terminal is connected to said Internet service provider.

16. (Original) An online shopping settlement system according to claim 15 wherein the configuration is such that a port number for online shopping especially set for said order slip and order confirmation slip is used, facilitating the sending and receiving of said order slip and order confirmation slip between said user terminal and said Web server, and wherein said order slip monitoring means provides a means for detecting those packets among packets going out from said Internet service provider to the Internet which have an online shopping port number as being an order slip and detecting those packets among packets coming into said Internet service provider from the Internet which have an online shopping port number as being an order confirmation slip.

17. (Original) An online shopping settlement system according to claim 15 wherein the configuration facilitates relaying said order slip and said order confirmation slip using a relay point established in advance, for sending and receiving of those slips between said user terminal and said Web server, and wherein said order slip monitoring means detects said order slip and order confirmation slip through said relay point.

18. (Original) An online shopping settlement system according to any of claims 16 or 17 wherein said order slip recording means provides a Web server IP table holding a list of IP addresses of Web servers for which charges are collected in substitute, which means is configured so as not to record an order slip among those order slips detected by said order slip monitoring means for which the IP address of said Web server that is the destination is not registered in said

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Web server IP table and not to record an order confirmation slip amongst those order confirmation slips detected by said order slip monitoring means for which the source IP address is not registered in said Web server IP table.

19. (Cancelled)

20. (Currently amended) An online shopping settlement system according to claim [[19]] 15 wherein said subscriber certification means provides an IP-subscriber table for storing the relationship between the IP address allocated to said user terminal from said Internet service provider and the subscriber line number while said user terminal is connected to said Internet service provider,

and wherein said order slip recording means is configured so as not to record an order slip from among those order slips detected by said order slip monitoring means for which the subscriber line number corresponding to the source IP address is not registered in said IP-subscriber table, and so as not to record an order confirmation slip from among those order confirmation slips detected by said order slip monitoring means for which the subscriber line number corresponding to the IP address of the user terminal that is the destination is not registered in said IP-subscriber table.

21. (Currently amended) An online shopping settlement system according to any of claims 16 or 17 claim 15 that provides an account-caller table holding a list of the relationship between the account name allocated to said user terminal by said Internet service provider and the calling telephone number of said user terminal, and that provides a subscriber certification means that receives from said Internet service provider, the account name of said user terminal that connected to said Internet service provider and the calling telephone number, and through checking whether or not the combination of the account name of said user terminal connected to said Internet service provider and the calling telephone number is registered in said account-caller table, certifies said user terminal that connected to said Internet service provider.

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22. (Original) An online shopping settlement system according to claim 21 wherein said subscriber certification means provides an IP-caller table that stores the relationship between the IP address allocated to said user terminal from said Internet service provider and the calling telephone number while said user terminal is connected to said Internet service provider,

and wherein said order slip recording means is configured so as not to record an order slip from among those order slips detected by said order slip monitoring means for which the calling telephone number corresponding to the source IP address is not registered in said IP-caller table, and so as not to record an order confirmation slip from among those order confirmation slips detected by said order slip monitoring means for which the calling telephone number corresponding to the IP address of said user terminal that is the destination is not registered in said IP-caller table.

23. (Original) An online shopping settlement system according to any of claims 18, 20 or 22 configured such that if said order slip recording means does not record an order slip said order slip monitoring means does not deliver said order slip to said Web server and if said order slip recording means does not record an order confirmation slip, said order slip monitoring means does not deliver said order confirmation slip to said user terminal.

24. (Original) An online shopping settlement system according to any of claims 18, 20 or 22 configured such that regardless of whether an order slip and order confirmation slip are recorded or not recorded through said order slip recording means, said order slip monitoring means delivers said order slip to said Web server and said order confirmation slip to said user terminal.

25. (Previously Presented) An online shopping settlement system according to any of claims 16 or 17 wherein said settlement means provides a means for calculating the online shopping charges that should be collected from said user based on said order slip and order confirmation slip recorded by said order slip recording means and requests payment together with communication charges when invoicing said user terminal for communication charges.

26. (Original) An online shopping settlement system according to any of claims 16 or 17 wherein said settlement means provides a means for calculating the online shopping charges that should be paid to said Web server based on said order slip and order confirmation slip recorded by said order slip recording means and pays those online shopping charges to said Web server.

27. (Currently amended) An online shopping settlement program operating a computer forming a settlement system of an online shopping system that includes a user terminal, an Internet service provider connected to said user terminal via a network of a communication common carrier providing communication services to said user terminal and a Web server connected to said Internet service provider via the Internet which server provides online shopping services to said user terminal, such that said computer functions as:

an order slip monitoring means for detecting an order slip forwarded from said user terminal to said Web server and detecting the corresponding order confirmation slip forwarded from said Web server to said user terminal for confirming receipt of said order slip;

an order slip recording means for recording said order slip and order confirmation slip detected by said order slip monitoring means; [[and]]

a settlement means for collecting charges in substitute that is a means for use by said communication common carrier which means acts as a substitute in respect of a transaction for which the requisite pair of order slip and order confirmation slip are prepared and recorded in said order slip recording means, to collect charges that should be paid by said user terminal to said Web server[[.]] ;

an establishing means for providing an account-subscriber table holding a list of the relationship between an account name allocated to said user terminal by said Internet service provider and a subscriber line number of said user terminal, and

a subscriber certification means that receives from said Internet service provider the account name of said user terminal that is connected to said Internet service provider, accesses said

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account-subscriber table and retrieves the appropriate subscriber line number and through checking the condition of that subscriber line, certifies said user terminal is connected to said Internet service provider.

28. (Original) An online shopping settlement program according to claim 27 facilitating a configuration wherein a port number for online shopping especially set for said order slip and order confirmation slip is used, facilitating the sending and receiving of said order slip and order confirmation slip between said user terminal and said Web server,

and facilitating said order slip monitoring means providing a means for detecting those packets among packets going out from said Internet service provider to said Internet which have an online shopping port number as being an order slip and detecting those packets among packets coming into said Internet service provider from said Internet which have an online shopping port number as being an order confirmation slip.

29. (Original) An online shopping settlement program according to claim 27 facilitating a configuration wherein said order slip and said order confirmation slip are relayed using a relay point established in advance, for sending and receiving of those slips between said user terminal and said Web server, and facilitating said order slip monitoring means detecting said order slip and order confirmation slip through said relay point.

30. (Original) An online shopping settlement program according to claim 28 or 29 facilitating operations such that said order slip recording means provides a Web server IP table holding a list of IP addresses of Web servers for which charges are collected in substitute, and facilitating a configuration wherein said means operates so as not to record an order slip among those order slips detected by said order slip monitoring means for which the IP address of said Web server that is the destination is not registered in said Web server IP table and so as not to record an order confirmation slip amongst those order confirmation slips detected by said order slip monitoring means for which the source IP address is not registered in said Web server IP table.

31. (Canceled)

32. (Currently amended) An online shopping settlement program according to claim [[31]] 27 facilitating operations such that said subscriber certification means provides an IP-subscriber table that stores the relationship between the IP address allocated to said user terminal from said Internet service provider and said subscriber line number while said user terminal is connected to said Internet service provider,

and facilitating operations such that said order slip recording means does not record an order slip from among those order slips detected by said order slip monitoring means for which the subscriber line number corresponding to the source IP address is not registered in said IP-subscriber table and does not record an order confirmation slip from among those order confirmation slips detected by said order slip monitoring means for which the subscriber line number corresponding to the IP address of said user terminal that is the destination is not registered in said IP-subscriber table.

33. (Currently amended) An online shopping settlement program according to ~~any of claims 28 or 29~~ claim 27 that operates said computer such that said computer provides an account-caller table holding a list of the relationship between the account name allocated to said user terminal by said Internet service provider and the calling telephone number of said user terminal, and such that said computer functions as a subscriber certification means that receives from said Internet service provider, the account name of said user terminal that connected to said Internet service provider and the calling telephone number, and through checking whether or not the combination of the account name of said user terminal connected to said Internet service provider and the calling telephone number is registered in said account-caller table, certifies said user terminal that connected to said Internet service provider.

34. (Original) An online shopping settlement program according to claim 33 facilitating operations such that said subscriber certification means provides an IP-caller table that stores the relationship between the IP address allocated to said user terminal from said Internet service

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provider and the calling telephone number while said user terminal is connected to said Internet service provider,

and facilitating operations such that said order slip recording means does not record an order slip from among those order slips detected by said order slip monitoring means for which the calling telephone number corresponding to the source IP address is not registered in said IP-caller table, and does not record an order confirmation slip from among those order confirmation slips detected by said order slip monitoring means for which the calling telephone number corresponding to the IP address of said user terminal that is the destination is not registered in said IP-caller table.

35. (Currently amended) An online shopping settlement program according to any of claims 30, 32 or 34 facilitating operations such that if said order slip recording means does not record an order slip said order slip monitoring means does not deliver said order slip to said Web server and if said order slip recording means does not record an order confirmation slip, said order slip monitoring means does not deliver said order confirmation slip to said user terminal.

36. (Original) An online shopping program according to any of claims 30, 32 or 34 facilitating operations such that regardless of whether an order slip and/or order confirmation slip are recorded or not recorded through said order slip recording means, said order slip monitoring means delivers said order slip to said Web server and said order confirmation slip to said user terminal.

37. (Previously presented)) An online shopping settlement program according to any of claims 30, 32 or 34 facilitating operations such that said settlement means provides a means for calculating the online shopping charges that should be collected from said user based on said order slip and order confirmation slip recorded by said order slip recording means and requests payment together with communication charges when invoicing said user terminal for communication charges.

38. (Original) An online shopping settlement program according to any of claims 28 or 29 facilitating operations such that said settlement means provides a means for calculating the online shopping charges that should be paid to said Web server based on said order slip and order confirmation slip recorded by said order slip recording means and pays those online shopping charges to said Web server.